

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/050347

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C45/50 C07C47/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07C B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/020381 A (E. I. DU PONT DE NEMOURS AND COMPANY) 11 March 2004 (2004-03-11) Seiten 6-8, Liganden 1-12; claims 1-11; examples 3-15	1,3,4, 10-13
A	US 4 599 206 A (BILLIG ET AL) 8 July 1986 (1986-07-08) claims 1-5	2,5-9
A		1-13

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

Date of mailing of the international search report

7 June 2005

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 2004020381	A	11-03-2004	US	6664427 B1		16-12-2003
			EP	1534657 A1		01-06-2005
			WO	2004020381 A1		11-03-2004
US 4599206	A	08-07-1986	AT	83230 T		15-12-1992
			AU	617362 B2		28-11-1991
			AU	2278888 A		19-01-1989
			AU	579144 B2		17-11-1988
			AU	3997085 A		10-09-1985
			BR	8505278 A		18-02-1986
			CA	1262915 A1		14-11-1989
			CA	1264055 A2		27-12-1989
			CS	8501091 A2		12-02-1990
			DE	3586878 D1		21-01-1993
			DE	3586878 T2		24-06-1993
			DK	473485 A		11-12-1985
			EP	0155508 A1		25-09-1985
			ES	8609185 A1		16-12-1986
			ES	8701140 A1		16-02-1987
			ES	8706480 A1		16-09-1987
			FI	854059 A ,B,		17-10-1985
			HU	41724 A2		28-05-1987
			HU	202176 B		28-02-1991
			JP	6045633 B		15-06-1994
			JP	61501268 T		26-06-1986
			KR	9210519 B1		04-12-1992
			KR	9203119 B1		20-04-1992
			MX	164254 B		27-07-1992
			NO	854113 A		16-10-1985
			NO	165915 B		21-01-1991
			PL	251973 A1		29-07-1986
			PL	151491 B1		28-09-1990
			RO	92321 A1		31-08-1987
			SG	32193 G		21-05-1993
			WO	8503702 A1		29-08-1985
			US	4789753 A		06-12-1988
			US	4737588 A		12-04-1988
			US	4717775 A		05-01-1988
			YU	22585 A1		29-02-1988
			CN	85104683 A ,B		24-12-1986
			IN	164243 A1		04-02-1989
			SU	1516007 A3		15-10-1989
			ZA	8501189 A		25-09-1985